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P. 07

Docket No.: 60583(50530)

Application No. 10/826,743

Amendment dated January 11, 2006

Reply to Office Action of July 11, 2005

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A compound of Formula I or Il:

A is independently selected from hydrogen; $-(C=O)-O-R_1$, $-(C=O)-R_2$, $-C(=O)-NH-R_2$, or $-S(O)_2-R_2$;

G is independently selected from -OH, -O-(C_1 - C_{12} alkyl), -NHS(O)₂- R_1 , -(C=O)- R_2 ; -(C=O)- O- R_1 , or -(C=O)-NH- R_2 ;

L is independently selected from -S-, -SCH₂-, -SCH₂CII₂-, -S(O)₂-, -S(O)₂CH₂CH₂-, -S(O)-, -S(O)CH₂CH₂-, -O-, -OCH₂-, -OCH₂CII₂-, -(C-O)-CH₂-, -CII(CII₃)CH₂-, -CFHCH₂-, or -CF₂CH₂-;

X and Y taken together with the carbon atoms to which they are attached form a cyclic moiety selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

W is absent, or independently selected from $-O_{-}$, $-S_{-}$, $-NH_{-}$, $-C(O)NR_1$ - or $-NR_1$ -;

Z is independently selected from hydrogen; -CN, -SCN, -NCO, -NCS, -NHNII₂, -N₃, halogen, -R₄, -C₃-C₁₂ cycloalkyl, substituted -C₃-C₁₂ cycloalkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocycloalkyl, substituted heterocycloalkyl, and -NH-N=CH(R₁);

Each R_1 is independently selected from hydrogen, C_1 – C_6 alkyl, substituted C_1 – C_6 alkyl, C_1 – C_6 alkenyl, substituted C_1 – C_6 alkenyl, C_1 – C_6 alkynyl, substituted C_1 – C_6 alkynyl, C_3 – C_{12} cycloalkyl, substituted C_3 – C_{12} cycloalkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl,

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heteroaryl, substituted heteroaryl, heteroarylalkyl, substituted heteroarylalkyl, heterocycloalkyl, or substituted heterocycloalkyl;

Each R_2 is independently selected from hydrogen, C_1 - C_6 alkyl, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, C_1 - C_6 alkenyl, substituted C_1 - C_6 alkenyl, C_1 - C_6 alkynyl, substituted C_1 - C_6 alkynyl, C_3 - C_{12} cycloalkyl, substituted C_3 - C_{12} cycloalkyl, alkylamino, dialkylamino, arylamino, diarylamino, aryl, substituted aryl, arylalkyl, substituted arylalkyl, heteroaryl, substituted heteroarylalkyl, heteroarylalkyl, or substituted heterocycloalkyl;

Each R₄ is independently selected from:

- (i) -C₁-C₆ alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- (ii) -C₂-C₆ alkenyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or
- (iii)—C₂-C₆ alkynyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

R₅ and R₆ are each independently selected from hydrogen or methyl;

j = 0, 1, 2, 3, or 4; m = 0, 1, or 2; ands = 0, 1 or 2[[.]];

wherein each substituted alkyl, substituted alkenyl, substituted alkynyl, substituted aryl, substituted arylalkyl, substituted heteroaryl, substituted C_1 - C_1 -cycloalkyl, substituted heteroarylalkyl may independently replace one, two or three of the hydrogen atoms thereon with F. Cl. Br. I. OH. NO₂, CN, C_1 - C_6 -alkyl-OH, C(O)- C_1 - C_6 -alkyl, OCH_2 - C_3 -cycloalkyl, C(O)-H, C(O)-aryl, C(O)-heteroaryl, CO_2 -alkyl, CO_2 -aryl, CO_2 -heteroaryl, CO_3 -aryl, CO_3 -alkyl, CO_3 -alkyl, CO_3 -alkyl, CO_3 -alkyl, CO_3 -aryl, CO_3 -aryl, CO_3 -beteroaryl, CO_3 -alkyl, CO_3 -alkyl, CO_3 -aryl, CO_3 -beteroaryl, CO_3 -alkyl, CO_3 -alkyl,

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C₁-C₆-alkyl, NIICONII-aryl, NIICONII-heteroaryl, SO₂-C₁-C₆-alkyl, SO₂-aryl, SO₂-heteroaryl, SO₂NII₂, SO₂NII₃, SO₂NII₄-C₆-alkyl, SO₂NII-heteroaryl, C₁-C₆-alkyl, C₃-C₁₂-cycloalkyl, CF₃, CIICl₂, CH₂NII₂, CII₂SO₂CH₃, C₁-C₆ alkyl, halo alkyl, C₃-C₁₂ cycloalkyl, substituted aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocycloalkyl, benzyl, benzyloxy, aryloxy, heteroaryloxy, C₁-C₆-alkoxy, methoxymethoxy, methoxyethoxy, amino, benzylamino, arylamino, heteroarylamino, C₁-C₃-alkylamino, di-C₁-C₃-alkylamino, thio, aryl-thio, heteroarylthio, benzyl-thio, C₁-C₆-alkyl-thio, or methylthiomethyl.

2. (Original) The compound of claim 1, wherein the compound is of Formula III:

wherein R₇ and R₈ are independently selected from R₄ as defined in claim 1.

3. (Original) The compound of claim 1, wherein the compound is of Formula IV:

wherein R7 and R8 are independently selected from R4 as defined in claim 1.

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- 4. (Original) A compound according to any one of claims 1-3, wherein W is absent and Z is thiophenyl.
- 5. (Original) A compound according to any one of claims 1-3, wherein W is -CH-CH- and Z is thiophenyl.
- 6. (Original) A compound according to claim 1 which is selected from:
 Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;
 - Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-(formamido)-thiazol-4-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = cthyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = phenyl, y = 3, y = s = 1, and $y = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 4-methoxyphenyl, j = 3, m = s = 1, and $R_s = R_6 = hydrogen$;
 - Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, W = 4-cthoxyphenyl, W = 3, W = 1, and W = 1, an

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- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 5-bromothiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-pyrid-3-yl ethylenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 3.4-Dimethoxy-phenyl, y = 3, y = 3, and y =
- Compound of Formula I, wherein A = tBOC, G = OII, $I_s = absent$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-thiophen-2-yl ethylenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$:
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = indole-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are plienyl, W is absent, Z = 1H-indol-3-yl methyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, J = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = furan-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

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- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 1H-benzoimidazol-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phonyl, W is absent, Z = 1H-imidazol-2-ylmethyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula 1, wherein A = tBOC, G = OEt, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = chloro, j = 3, m = s = 1, and $R_3 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = thiophen-3-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, I = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl. W is absent, Z = 2-pyrid-3-yl acetylenyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2, 3-dilydrobenzofuran-5-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH, Z = propargyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -N(ethyl), Z = benzyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH-, Z = pyrid-3-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OU, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = tetrazolyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = morpholino, j = 3, m = s = 1, and $R_3 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, I = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -O-, Z = thiophen-3-yl-methyl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are X = thiophen-2-yl, Y = 3, Y = 1, and Y = 1, and Y = 1, and Y = 1, Y

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are A = tBOC, A

Compound of Formula I, wherein $\Lambda = tBOC$, G = OI, I. = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein Λ = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R_5 = R_6 = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

together with the earbon atoms to which they are attached are is absent, Z = 1 thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = 1$ hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = Ol I, I. = absent, X and Y taken

together with the carbon atoms to which they are attached are is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_S = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OII, L = absent, X and Y taken

together with the carbon atoms to which they are attached are

W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OEt, L = absent, X and Y taken together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yI, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein A = tBOC, G = OII, I. = absent, X and Y taken

together with the carbon atoms to which they are attached are absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are absent,
$$Z =$$
 thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken

together with the carbon atoms to which they are attached are W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $\Lambda = tBOC$, G = OII, I, = absent, X and Y taken

together with the carbon atoms to which they are attached are absent,
$$Z = \text{thiophen-2-yl}$$
, $j = 3$, $m = s = 1$, $R_S = R_6 = \text{hydrogen}$;

- Compound of Formula I, wherein $A = -(C=O) O R^1$, wherein $R^1 =$ cyclopentyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;
- Compound of Formula I, wherein $A = -(C=O) O R^{-1}$, wherein $R^{-1} = cyclobutyl$, G = OII, I. = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein $A = -(C=O) O R^{-1}$, wherein $R^{-1} = \text{cyclohexyl}$, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein $A = -(C=O)-O-R^1$, wherein $R^1 = -CO$, G = OII, L = OII, CO = O

Compound of Formula I, wherein $A = -(C=O)-O-R^{-1}$, wherein $R^{-1} = -(C=O)-C-R^{-1}$, $R^{-1} = -(C=O)-C-R^{-1}$, $R^{-1} = -(C=O)-C-R^{-1}$, and $R^{-1} = -(C=O)-C-R^{-1}$, wherein $R^{-1} = -(C=O)-C-R^{-1}$, $R^{-1} = -(C=O)-C-R^{-$

Compound of Formula I, wherein $A = -(C=0)-NII-R^1$, wherein $R^1 = \text{cyclopentyl}$, G = OII, I. = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=S)-NH-R^1$, wherein $R^1 =$ cyclopentyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are plicitly. W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

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Compound of Formula I, wherein $A = -S(O)_2 - R^1$, wherein R^1 = cyclopentyl, G = OII, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -O-phenethyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, y = 0, y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, and y = 0, and y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, and y = 0, are attached are phenyl, y = 0, and y = 0, are attached are phenyl, y = 0, and y =

Compound of Formula I, wherein A = -(C=O)-O-R¹, R¹ = cyclopentyl, G =
--NII-phenethyl, L = absent, X and Y taken together with the carbon atoms to which
they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅
=- R₆ = hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 = \text{cyclopentyl}$, G = -NHS(O)2-phenethyl L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6$ 2-hydrogen;

Compound of Formula I, wherein $\Lambda = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, G = -(C=O)-OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -(C=O) - O-phenethyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O) - O - R^1$, $R^1 =$ cyclopentyl, G = -(C=O) - NH-phenethyl, I. = absent, X and Y taken together with the carbon atoms to

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which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_s = R_6 = \text{hydrogen}$:

- Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, $G = -(C=O)-NH-S(O)_2$ -benzyl, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, y = 1, and y = 1, a
- Compound of Formula I, wherein A = tBOC, G = OH, L = -(C=O)CH₂-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, $L = -CH(CH_3)CH_2$ -, X and Y taken together with the carbon atoms to which they are attached are phenyl, Y is absent, Y = thiophen-2-yl, Y = 3, Y = 1, and Y = Y = hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, L = -O-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OII, L = -S-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 =$ methyl, and $R_6 =$ hydrogen;
- Compound of Formula I, wherein A = tBOC, G = OH, L = -S(O), X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;
- Compound of Formula I, wherein A = tBOC, G = OH, $L = -S(O)_2$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, $R_5 = methyl$, and $R_6 = hydrogen$;

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Compound of Formula 1, wherein A = tBOC, G = OH, L = -SCII₂CH₂-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-y1, j = 3, m = s = 1, $R_5 =$ methyl, and $R_6 =$ hydrogen;

Compound of Formula 1, wherein A = tBOC, G = OH, $L = CF_2CH_2$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$; and

Compound of Formula I, wherein A = tl3OC, G = OII, $L = -CHFCH_2$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $R_5 = R_6 = hydrogen$.

7. (Currently amended) A compound of Formula V:

wherein-A-and-B-are as defined in the A-Matrix-and-B-Matrix tables wherein A is selected from:

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and B is selected from:

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8. (Currently amended) A compound of claim [[8]]_7 selected from compound numbers the following compounds: 101301; 101358; 101306; 101302; 101322; 101311; 101325; 101303; 101304; 101326; 101327; 101330; 101331; 101332; 101335; 101336; 101348; 101340; 101334; 101359; 101328; 101360; 101361; 101362; 101329; 105301; 123301; 112301; 124301; 109301; 122301; 111301; 114301; 107301; 104301; 101324; 101304; 101355; 101356; 101307; 101357; 101347; 101352; 110301; 101364; 101308; 101309; 128301; 124301; 113301; 143301; 115301; 101367; 101368; 101323; 101317; 108301; 101318; 101319; 101351; 101353; 101349; 118301; 120301; 101333; 101320; 101321;

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129301; 121301; 117301; 123352; 101347; 101350; 107365; 101313; 145301; 101366; 101354; 101343; 101314; 101339; 101341; 107341; 114341; 106301; 144301; 126301; 127301; 130301; 116301; 102301; 140301; 141301; 139301; 138301; 142301; 137301; 135301; 134301; 133301; 131301; 132301; 136301; 101345; 101344; 101342; 105316; 107316; 101315; 101346; 101337; 116365; or 101338.

Compound	<u>13</u>	Compound	B
<u>101301</u>		101358	HN O
101306	Meo N N N	101302	MeO N S
101322		101311	S Br
101325		101303	MeO N O

101326		101227	
		101327	N O H
101330		101331	
101332		101335	N O H
101336	N OH	101348	C N C S S S S S S S S S S S S S S S S S
101340		101334	
101348		101359	
101328		101360	CTNT NO THE OF
101361		101362	

101329		101324	
101304		101355	
101356		101307	
101357		101347	
101352		101364	N S N S N S N S N S N S N S N S N S N S
101308		101309	
101367	CTNT NTS	<u>101368</u>	The second secon

101222		101317	
101323		101317	HN-N,N Ph
101318	N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-	101319	
101351		101353	
101349	CINTO STO	101333	
101320	N-N N-N Ph	10/321	N=N N- Ph
101347		101350	
101313		101366	C N C S

	y		
101354		101343	
101314	CYNYS CS	101339	
101341		101345	N N N N N N N N N N N N N N N N N N N
101344	N S Br	101342	
101315		<u>101346</u>	
101337		<u>101338</u>	ST N N O

F	7		
Сотронці	Δ	Compound	Δ
105301	- Lyng	123301	HO NATA
112301	N H N H	124301	OH H
109301	N'V	122301	NH H
11130).	O N'A'	114301	S N N H
107301	N N N N N N N N N N N N N N N N N N N	104301	O N'ri
110301	N ² 4,	128301	N N N N N N N N N N N N N N N N N N N
12430)	OH H	113301	N H N N N N N N N N N N N N N N N N N N
143301	N H H	115301	S O N'A'S

108301	7 0	110201	0
7.7057(1)	N N N N N N N N N N N N N N N N N N N	118301	N NH H
120301	N-N O	129301	N H H
121301	N H N N H	117301	N H
145301	S N H	106301	N H H
144301	N N H	126301	N H N N N N N N N N N N N N N N N N N N
127301	N H	1.30301	F
116301	N N H	102301	N ¹ r,
140301	NH H	141301	N, r,
139301	O N ¹ 2,	138301	HN H
142301	N-N H	137301.	HN H

135301	NH H	134301	ON H
133301	HO N N N N N N N N N N N N N N N N N N N	131301	HO N N N N N N N N N N N N N N N N N N N
132301	HO N N N N N N N N N N N N N N N N N N N	136301	0,0 S N ¹ 1,1

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- (Original) A pharmaceutical composition comprising an inhibitory amount of a compound according to claim 1 or 7 alone or in combination with a pharmaceutically acceptable carrier or excipient.
- 10. (Original) A method of treating a hepatitis C viral infection in a subject, comprising administering to the subject an inhibitory amount of a pharmaceutical composition according to claim 9.
- 11. (Original) A method of inhibiting the replication of hepatitis C virus, the method comprising supplying a hepatitis C viral NS3 protease inhibitory amount of the pharmaceutical composition of claim 9.
- 12. (Original) The method of claim 10 further comprising administering concurrently an additional anti-hepatitis C virus agent.
- 13. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is selected from the group consisting of: α-interferon, β-interferon, ribavarin, and adamantine.
- 14. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is an inhibitor of hepatitis C virus helicase, polymerase, metalloprotease, or IRES.

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